



#13/B  
1-25-05  
Hayes

**Fax** ☐ Urgent ☐ Return reply requested ☐ Original will be sent as confirmation

To: U.S. Patent and Trademark Office

Date: December 15, 2004

Attention: Examiner Patricia T. Nguyen

Re: Appl. No. 10/015,887

Filing Date: December 17, 2001

From: Timothy A. Doyle

Applicants: Wang *et al.*

For: Differential Amplifier With Large Input  
Common Mode Signal Range

Pages (including cover sheet): 20

Your Reference: Confirmation No. 7291

Fax No: (571) 273-1768

Our Reference: 1875.1260001/JTH/TAD

---

## Message

Further to your telephone conversation today with Jeff Helvey, included with this transmittal please find a copy of the Petition for Extension of Time Under 37 C.F.R. § 1.136(a), Amendment and Reply Under 37 C.F.R. § 1.111, and other related documents that were filed in this matter on August 30, 2004. Also included with the transmittal is a copy of the return postcard date-stamped August 30, 2004, by the Office of Initial Patent Examination as proof that these documents were received by the United States Patent and Trademark Office on that date.

---

If any portion of this transmission is not received clearly or in full,  
contact us at 202.371.2600 or f 202.371.2540

---

This message is intended for the exclusive use of the individual or entity to which it is addressed. The message may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, copying or use of this communication in any way is strictly prohibited. If you have received this communication in error, please call us collect immediately, and return the original message to us at the above address via the U.S. Postal Service.

---

Sterne, Kessler, Goldstein & Fox P.L.L.C. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : [www.skgf.com](http://www.skgf.com)

**Applicants:** WANG *et al.***Due Date:** August 29, 2004 (Sunday)**Art Unit:** 2817**Confirmation No.:** 7291**Application No.:** 10/015,887**Examiner:** Nguyen, P.**Filed:** December 17, 2001**Docket:** 1875.1260001**For:** Differential Amplifier With Large Input  
Common Mode Signal Range**Atty:** JTH/TAD

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter;
2. Fee Transmittal Form (PTO/SB/17);
3. Amendment and Reply Under 37 C.F.R. § 1.111;
4. Petition for Extension of Time Under 37 C.F.R. 1.136(a);
5. Return postcard; and
6. PTO-2038 Credit Card Payment for \$110.00 to cover extension of time fee (37 C.F.R. § 1.16).



Mail Stop: 2817

Please Date Stamp and Return to Our Courier

305001\_1.DOC

**Applicants:** WANG *et al.***Due Date:** August 29, 2004 (Sunday)**Art Unit:** 2817**Confirmation No.:** 7291**Application No.:** 10/015,887**Examiner:** Nguyen, P.**Filed:** December 17, 2001**Docket:** 1875.1260001**For:** Differential Amplifier With Large Input  
Common Mode Signal Range**Atty:** JTH/TAD

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter;
2. Fee Transmittal Form (PTO/SB/17);
3. Amendment and Reply Under 37 C.F.R. § 1.111;
4. Petition for Extension of Time Under 37 C.F.R. 1.136(a);
5. Return postcard; and
6. PTO-2038 Credit Card Payment for \$110.00 to cover extension of time fee (37 C.F.R. § 1.16).

Mail Stop: 2817

Please Date Stamp and Return to Our Courier



Robert Greene Sreene  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimballa  
Michael B. Roy  
Robert E. Sokohl  
Eric K. Staife  
Michael O. Lee  
Steven R. Ludwig  
John M. Cowart  
Linda E. Alcorn  
Robert C. Millonig  
Donald J. Featherstone  
Lawrence B. Bugalsky  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garren  
Heldi L. Kraus  
Edward W. Yeo  
Albert L. Fero  
Donald A. Bandowit  
Peter A. Jackson  
Teresa L. Meeker  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuana  
Eldora Ellison Floyd  
Thomas C. Hala  
Brian J. Del Buono  
Virgil Lee Beaton  
Kimberly N. Reddick  
Theodore A. Wood

Elizabeth J. Haanos  
Joseph S. Ostroff  
Frank R. Coningham  
Christine M. Uhler  
Rae Lynn Pringaman  
Jane Shershenovich  
George S. Baromasser  
Daniel A. Klein  
Jason D. Eisenberg  
Michael D. Specht  
Andrea J. Kamage  
Tracy L. Muller  
LuAnne M. DeSands  
John J. Figueroa  
Ann E. Summerfield  
Tiera S. Coston  
Aric W. Ledford  
Jessica L. Parezo

Timothy A. Doyle  
Gaby L. Longworth  
Nicole D. Dreier  
Ted J. Eberstole  
Jyod C. Iyer  
**Registered Patent Agents**  
Karen R. Maszkowicz  
Nancy J. Leish  
Helene C. Carlson  
Matthew J. David  
Aaron L. Schwarz  
Kathleen Y. Pei Quach  
Bryan L. Skelton  
Robert A. Schwartzman  
Teresa A. Colella  
Jeffrey S. Lundgren  
Victoria S. Rutherford

Eric D. Hayes  
Michelle K. Holoubek  
Robert M. DeSelm  
Simon J. Elliott  
Julie A. Heider  
Nina Mullerjee  
Scott M. Woodhouse

**Of Counsel**  
Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice limited to  
Federal Agencies

August 30, 2004

WRITER'S DIRECT NUMBER:

(202) 772-8774

INTERNET ADDRESS:

TDYOYLE@SKGF.COM

FILE COPY

Art Unit 2817

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application  
Application No. 10/015,887; Filed: December 17, 2001  
For: **Differential Amplifier With Large Input Common Mode Signal Range**  
Inventors: WANG *et al.*  
Our Ref: 1875.1260001/JTH/TAD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Amendment and Reply Under 37 C.F.R. § 1.111;
3. Petition for Extension of Time Under 37 C.F.R. 1.136(a);
4. Return postcard; and
5. PTO-2038 Credit Card Payment for \$110.00 to cover extension of time fee (37 C.F.R. § 1.16).

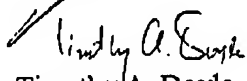
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
August 30, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency,  
or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Timothy A. Doyle  
Attorney for Applicants  
Registration No. 51,262

TAD/slw  
Enclosures

304987\_1.DOC

FILE COPY

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 110.00

**Complete If Known**

Application Number	10/015,887
Filing Date	December 17, 2001
First Named Inventor	Hongwei WANG
Examiner Name	Nguyen, P.
Art Unit	2817
Attorney Docket No.	1875.1260001/JTH/TAD

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None

☐ \*\*Charge any deficiencies or credit any overpayments to the fee to Deposit Acct. No. 19-0036.

Deposit Account Number: 19-0036

Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
11	5		20	0	0
			5	0	0
				290.00	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 146	Multiple dependent claim, if not paid	
1204 88	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 60	2052 26	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.00
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 110.00

**SUBMITTED BY**

Name (Print/Type)	Timothy A. Doyle	Registration No. (Attorney/Agent)	51,262	Telephone	(202) 371-2600
Signature	<i>Timothy A. Doyle</i>	Date	30 AUG 04		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.